Message

From: Steven Willis [steve@uxopro.com]
Sent: 7/16/2020 10:53:25 PM
To: Wayne Miller [miller.wayne@azdeq.gov]; catherine.jerrard@us.af.mil
CC: D'Almeida, Carolyn [dAlmeida.Carolyn@epa.gov]
Subject: RE: 2020-7-16 - wafb -ADEQ requests if ST012 EBR remedy changes will be evaluated

I don't see anything in this data that would require a re-evaluation of the remedy at this time, based on a limited dataset. It looks like there are anaerobic BTEX degraders and SRBs there, but I think the difficult part will be getting the sulfate distributed throughout the plume in order to grow the bacteria colonies. We may need to periodically deploy Biotrap samplers in selected wells as the sulfate, hopefully, disperses throughout the plume. Eleanor will be doing a more thorough evaluation of the data and I'll have her provide a brief write-up when she completes her evaluation. I think we'll also have to evaluate the data and conclusions in the Pilot Test Report before making any decisions that affect the overall remedy.

Steve Willis
UXO Pro, Inc.
steve@uxopro.com
480-316-3373

Sent from Mail for Windows 10

From: Wayne Miller
Sent: Thursday, July 16, 2020 3:10 PM
To: catherine.jerrard@us.af.mil
Cc: Carolyn dAlmeida; Steven Willis
Subject: 2020-7-16 - wafb -ADEQ requests if ST012 EBR remedy changes will be evaluated

Can you please let me know if the Microbial Insights Quant Array Stable Isotope Probe (SIP) results will initiate remedy altering discussion, such as adjusting redox conditions or other remedy changes?

Thank you.

Wayne Miller

Project Manager,

Federal Projects Unit,

Remedial Projects Section,

Waste Programs Division
Ph: 602-771-4121

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